PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PAPCT166	FOR FURTHER ACTION		Transmittal of International Search Report 0) as well as, where applicable, item 5 below.
International application No.	International filing date	(day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/KR03/00120	20 JANUARY 2003	(20.01.2003)	
Applicant GG21 CO., LTD. et al			
to Article 18. A copy is being transmitted to	the International Bureau.		and is transmitted to the applicant according
This international search report consists of a It is also accompanied by a co			:
Basis of the report a. With regard to the language, the in language in which it was filed, unle			of the international application in the
Authority (Rule 23.1(b)). b. With regard to any nucleotide and	l/or amino acid sequence		mational application furnished to this national application, the international search
was carried out on the basis of the			•
contained in the international			
filed together with the interna			
furnished subsequently to this furnished subsequently to this			
l <u> </u>	enlty furnished written se		ot go beyond the disclosure in the
the statement that the informa furnished.	tion recorded in computer	readable form is ident	tical to the written sequence listing has been
2. Certain claims were found up	nsearchable (See Box I).		
3. Unity of invention is lacking	(See Box II).		
4. With regard to the title,			
X the text is approved as submitted	ed by the applicant.		
the text has been established by	y this Authority to read a	s follows:	
5. With regard to the abstract,			
X the text is approved as submitt			. D. III The see Peart were
	-	-	t appears in Box III. The applicant may, ubmit comments to this Authority.
6. The figure of the drawing to be pub	lished with the abstract is	Figure No.	1
X as suggested by the applicant.			None of the figures
because the applicant failed to	suggest a figure.		
because this figure better chara	acterizes the invention.		

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR03/00120

CLASSIFICATION OF SUBJECT MATTER

IPC7 H04Q 7/38, G08G 1/12

According to International Patent Classification (IPC) or to both national classification and IPC

FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q 7/38, H04B 7/26, G08G 1/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched KR, JP: IPC AS ABOVE

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used)

DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	WO 01/74034 A2 (ERICSSON INC.) 04 OCTOBER 2001, see whole desciption	1-13
Α	KR 2001-87969 A (HEE YOUN CHOI) 26 SEPTEMBER 2001, see whole document	1-13
A	KR 1998-10940 A (AISIN AW CO. LTD.) 30 APRIL 1998, see whole document	1-13
Α	US 2002-188402 A1 (TELEPAQ TECHNOLOGY INC.) 12 DECEMBER 2002, see whole document	1-13
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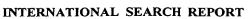
[Further documents are listed in the continuation of Box C.	X See patent family annex.
* "A"	Special categories of cited documents: document defining the general state of the art which is not considered	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand
••	to be of particular relevance	the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive
"L"	,	step when the document is taken alone
	cited to establish the publication date of citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is
"O"	document referring to an oral disclosure, use, exhibition or other means	combined with one or more other such documents, such combination being obvious to a person skilled in the art
"P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family
Da	te of the actual completion of the international search	Date of mailing of the international search report
	25 OCTOBER 2003 (25.10.2003)	27 OCTOBER 2003 (27.10.2003)
Na	ame and mailing address of the ISA/KR	Authorized officer

Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

BAE, Soon Goo

Telephone No. 82-42-481-5742





International application No.

PCT/KR03/00120

Information on patent family members

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 01/74034 A2	04.10.01	AU 0133342 A5 KR 02-92400 A	08.02.01 11.12.02
KR 98-10940 A	30.04.98	JP 10-96647 A	10.04.98